

## ABSTRACT

A processor (101) for safe processing of audio/video data, comprising a descrambler (102), a decoder (103), an A/V converter (104) an internal memory module (106), enabling recording at least one audio/video data stream and simultaneous playback of at least one recorded audio/video data stream with a controlled delay, a data transfer controller (105), controlling the transfer of audio/video data streams between the descrambler (102), the internal memory module (106) and the decoder (103), where the output of the descrambler (102) is connected to one of the inputs of the data transfer controller (105), one of the outputs of the data transfer controller (105) is connected to the input of the decoder (103), the data transfer controller (105) is connected bidirectionally to the internal memory module (106), and the output of the decoder (103) is connected to the input of the A/V converter (104). Furthermore, the processor (101) comprises an external memory interface (108). The external memory (109) is connected bidirectionally to this interface (108). The data transfer controller (106) are connected bidirectionally to this interface (108).

Fig.1

( 7 claims )

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